

# EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2003138464  
PUBLICATION DATE : 14-05-03

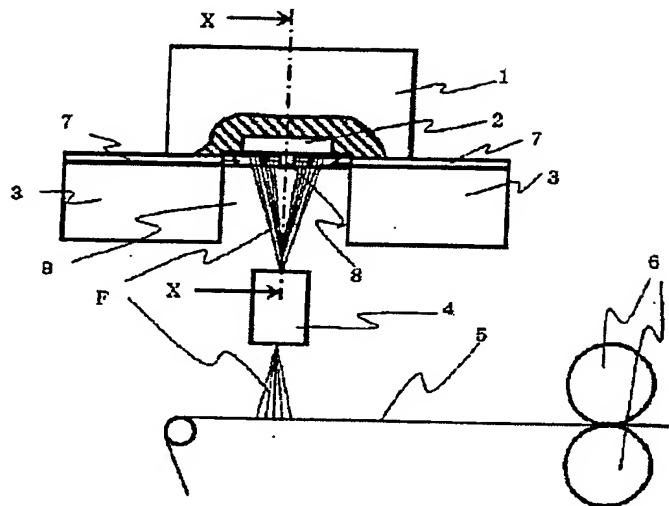
APPLICATION DATE : 02-11-01  
APPLICATION NUMBER : 2001337474

APPLICANT : TEIJIN LTD;

INVENTOR : SHIBAIKE HAJIME;

INT.CL. : D04H 3/16 D01D 5/098

TITLE : MELT SPINNING ASSEMBLY FOR  
NONWOVEN FILAMENT FABRIC, AND  
METHOD FOR PRODUCING THE  
FABRIC USING THE SAME



ABSTRACT : PROBLEM TO BE SOLVED: To provide a melt spinning assembly capable of preventing deposits around spinning holes on a spinneret, and to provide a method for producing a nonwoven filament fabric by using the same.

SOLUTION: This melt spinning assembly comprises a spinneret (2) where no spinning holes and spinning holes are provided on the spinneret, the holes sandwiching the non-holes area in the center and divided into two rectangular subareas on both left and right sides, a cooling unit (3) for cooling filaments (F) spun through the spinning holes, and a gas sealing unit on the non-holes area for blowing an inert gas from right under the spinneret and having a blower (8) for blowing the inert gas to both sides of the rectangular subareas of the spinning surface of the spinneret (2) for sealing.

COPYRIGHT: (C)2003,JPO